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Anti-CLC-7 / CLCN7 Antibody (aa10-59)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18358

Specification

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P51798
Predicted	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**88679**

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Additional Information

Gene ID 1186

Alias Symbol	**CLCN7**

Other Names
CLCN7, Chloride channel 7, CLC7, OPTA2, Chloride channel protein 7, CLC-7, OPTB4, PPP1R63

Target/Specificity
CLCN7 Antibody detects endogenous levels of CLCN7.

Reconstitution & Storage
Immunoaffinity purified

Precautions
Anti-CLC-7 / CLCN7 Antibody (aa10-59) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Protein Information

Name CLCN7 (HGNC:2025)

Function
Slowly voltage-gated channel mediating the exchange of chloride ions against protons (PubMed:18449189, PubMed:21527911). Functions as antiporter and contributes to the acidification of the lysosome lumen and may be involved in maintaining lysosomal pH (PubMed:18449189, PubMed:21527911, PubMed:31155284). The CLC channel family contains both chloride channels and proton-coupled anion transporters that exchange chloride or another anion for protons (By similarity). The presence of conserved gating glutamate residues is typical for family members that function as antiporters (By similarity).

Cellular Location
Lysosome membrane; Multi-pass membrane protein

Tissue Location
Brain and kidney..

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Images